



**QSW1001R
User's Manual**



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BEFORE USING

Special Attention

1. Connect all the parts before turning on the power.
2. Cut off the power before inserting or pulling out SD Card to avoid damage to the equipment.
3. Physical electrostatic discharge can damage the SD card permanently, so please don't touch the metal part of the card.
4. Only use the AC/DC adaptor that comes with the unit or batteries.
5. Keep water or any liquid away from the equipment.
6. Do not press multiple buttons at the same time, only use device according to the instructions.

Introduction to Unit's Functions

To summarize the function of the Pocket Digital Motion Detect Video Recorder (PVR), it is a combination of CCTV and DVR that can view and record manually or automatically when motion is detected.

The QSW1001R records Video, it saves the files on an SD card. The user can view images on a TV (monitor) or computer (need to install a SD reader) at any time and can save the images to the computer.

1. Immediately getting into the work of "Detect motion object" after power on;
2. Automatically take photos/record immediately when motion is detected in front of a camera.
3. If there is no motion in front of the camera or a moving object stops moving, DVR doesn't record or stops recording.
4. A 128MB SD card can store about 2000 photos or 400 video clips.
5. A 2GB SD card can store about 28800 photos or 4850 video clips.

6. The QSW1001R uses a DC 12V adapter for recording in a car.
7. Memorizes preset parameters and will not lose the settings when power is off.
8. The stored photos/video clips will not be lost if power is lost.
9. Can connect with alarm system/ video door phone.
10. Supports NTSC/PAL video signals.
11. The saved file name is the recording date, the picture format is JPEG, and the video format is AVI.
12. Search for photos or videos by recording date and time.
13. No special installation needed, start working once camera is attached and system turned on.
14. No need to install software.
15. Has a button to lock system.
16. Supports playing back the image on TV/ monitor, or Computer (through SD card reader);

Range of Applications

The QSW1001R has many possible applications in the home, supermarket, store, schools, preschools and offices. It can also be used as an alarm system, or as a DVR system..

Packing List

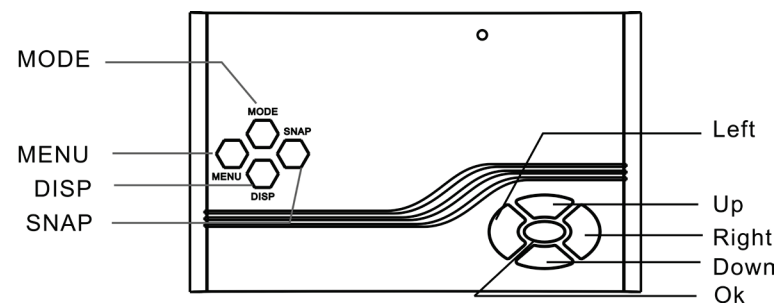
1. One QSW1001R
2. One DC 12V Adapter
3. One detect signal output control wire
4. One Audio Video wire
5. One instruction manual

TECHNICAL SPECIFICATIONS

Product Model	QSW1001R
Voltage	DC 12V
Power Consumption	300mA
Standard memory	128MB SD Card
Maximum memory	2GB SD Card
Photo format	JPEG
Photo pixels	640*480
Video format	AVI
Video pixels	320 *240
Frames/Second	8fps
Video record time	10s/pc
Compression format	Motion JPEG
Record signal	Video/Audio & Video
Video Input	75 Ω Typ.1Vp-p
Video output	75 Ω Typ.1Vp-p
Dimensions	5.25 x 3.75 x 1 in
Weight	10.5 oz

PVR Layout

The Top of PVR



MODE: Change the mode of PVR between preview mode and playback mode.

MENU: Enter the system main menu.

DISP: Switch the channels to display.

SNAP: Capture image or record AVI files.

UP: Move up

DOWN: Move down

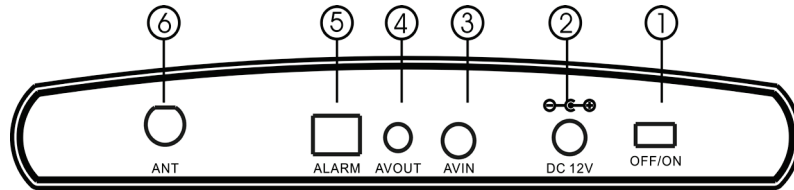
LEFT: Move left

RIGHT: Move right

OK: Enter/Select

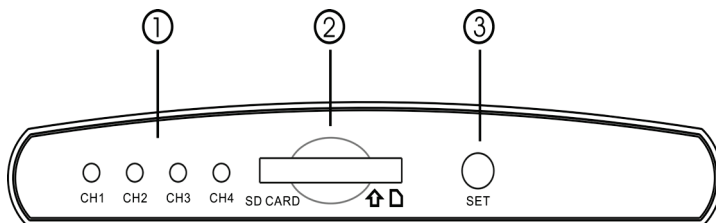
Front Cover

- 1) Power Switch
- 2) Power Input Jack
- 3) Video & Audio In
- 4) Video & Audio Out
- 5) Alarm
- 6) ANT



Back Cover

- 1) Channel Indicator
- 2) SD CARD: SD Card slot
- 3) Wireless Channel Selecting Button



SD Card Information

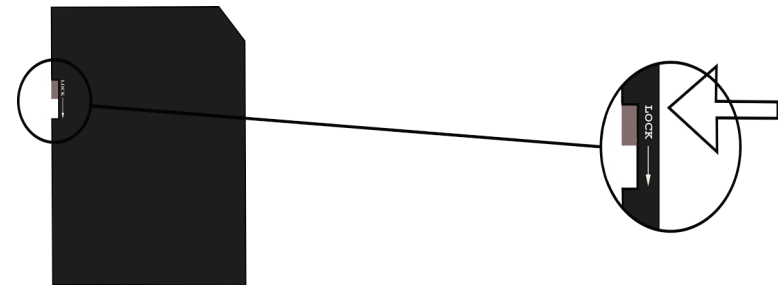
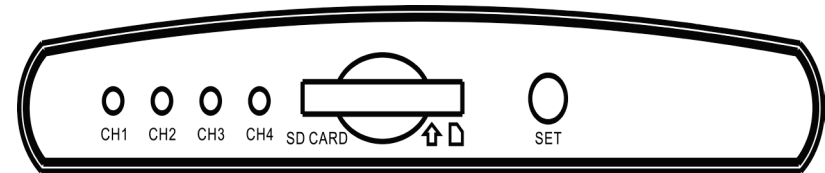
- The unit can support a SD Card up to 2GB.
- It supports FAT32 file system

SD Card Caution

- Physical electrostatic charge can damage the SD card, so please do not touch the metal part of the card.
- Please turn off power before you insert or pull out a SD card.

Directions for SD Card Operation

Please insert SD card according to the following diagram:

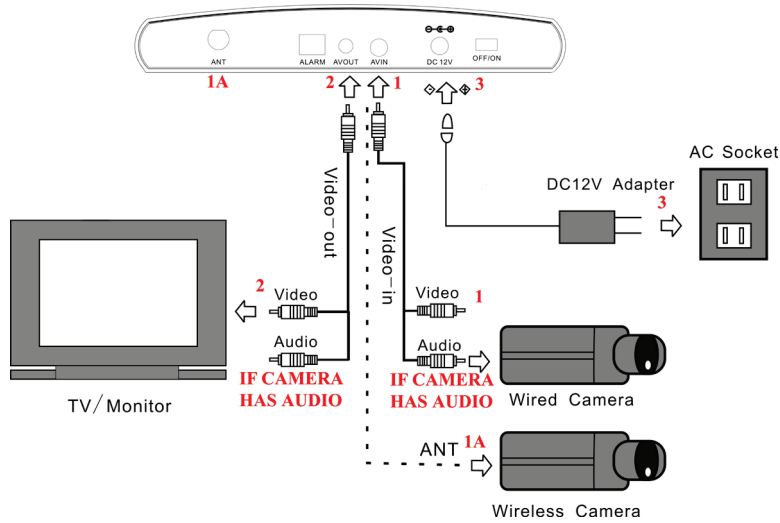


SD CARD

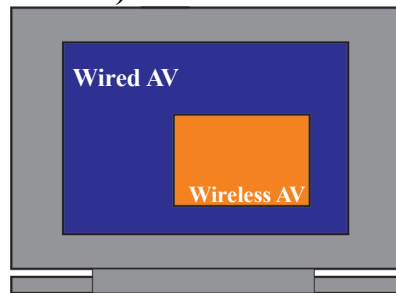
Please make sure that the SD card is not locked.

The Connection Diagram.

1. Connect PVR video-in port and camera with video wire.
2. Connect video -out port and TV with video wire.
3. Please use special AC/DC Adapter or battery.
4. Please connect when power off.



PIP (Picture in Picture) Function:



Monitor

When the wired camera and wireless camera are on at the same time, it will show a dual-screen on the monitor, with the wireless camera showing a small screen inside the larger wired camera display.

Image setup

Image setup1

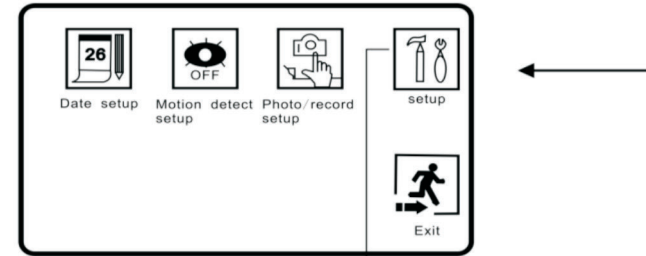
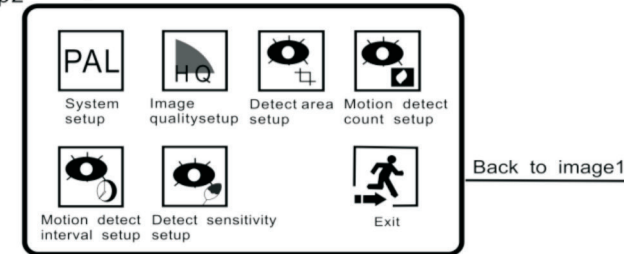
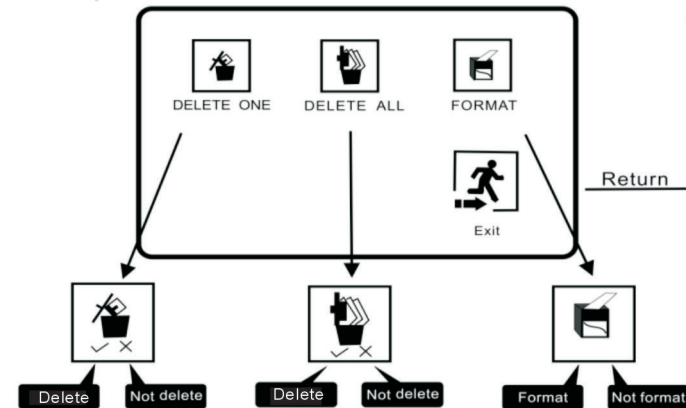


Image setup2



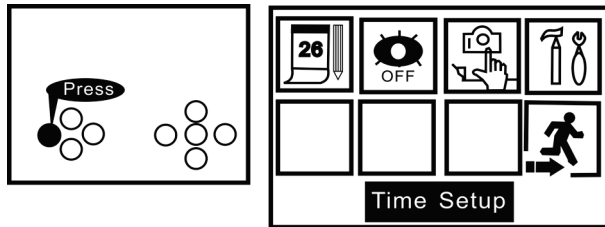
Delete operation



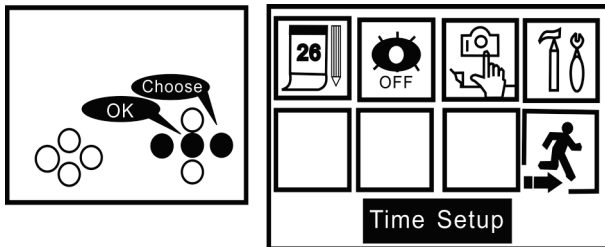
When you choose “√”, “√” will turn green, then press OK to confirm.

Date/Time Setup

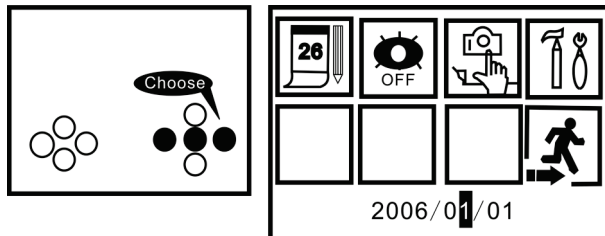
- (1) Press MENU to enter system main menu.



- (2) Press LEFT/RIGHT to set date and then press OK.

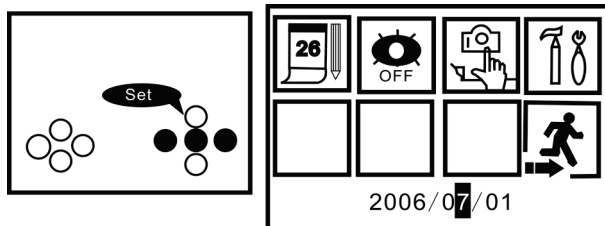


- (3) Press LEFT/RIGHT to the needed option.



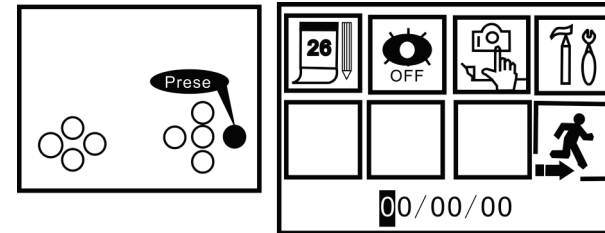
Year/month/day

- (4) Press UP/DOWN to set the date.



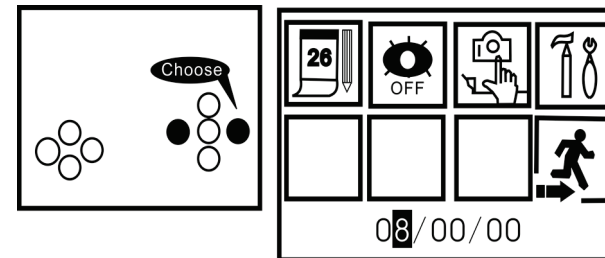
Year/month/day

- (5) After setting year/month/day, press RIGHT button to set hour/minute/second.



hour/minute/second

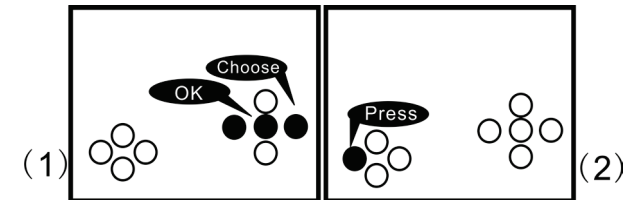
- (6) Press UP/DOWN to set time, and then press OK to confirm.



hour/minute/second

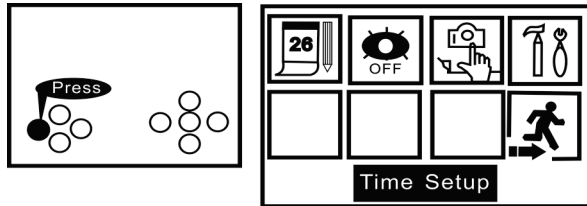
Exit Setup

- (1) Press LEFT/RIGHT to exit option and then press OK.
 (2) Press MENU to exit directly

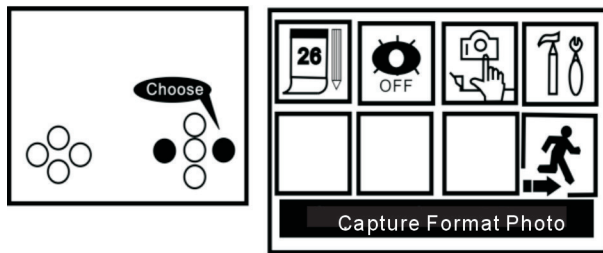


Record AVI/Photo Setup

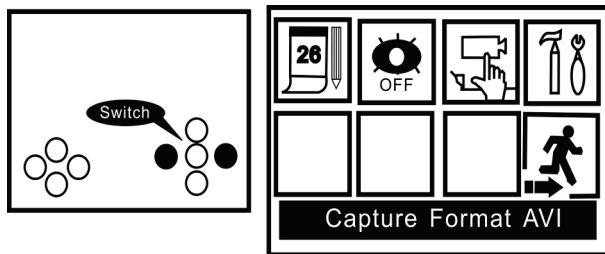
- (1) Press MENU to enter system main menu.



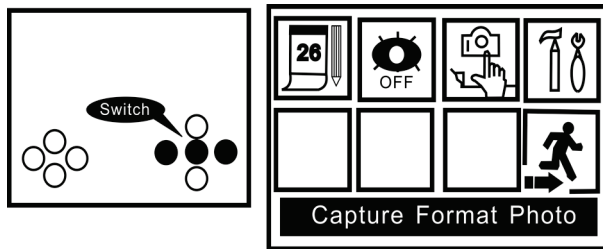
- (2) Press LEFT/RIGHT to capture format AVI/Photo option.



- (2) Press OK to switch photo option.



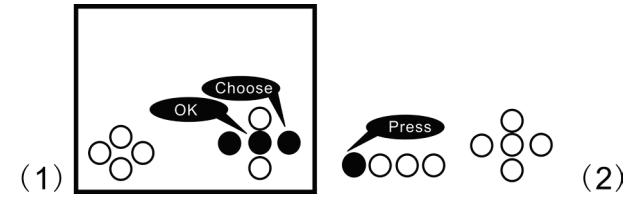
- (3) Press OK to switch record option..



Exit setup

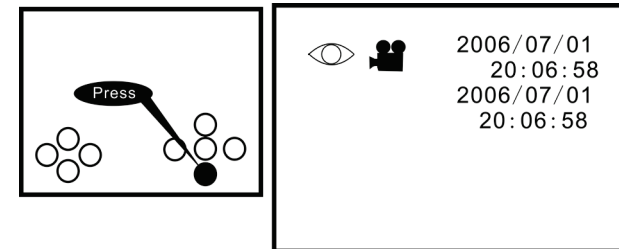
- (1) Press LEFT/RIGHT to exit option and then press ok.

- (2) Press MENU to exit directly.



Photo/AVI quick setup

Pressing DOWN directly in the preview mode can switch the capture format photo/AVI.



AVI setup status

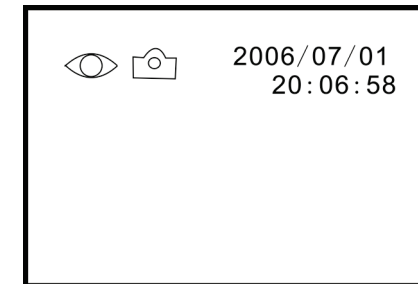
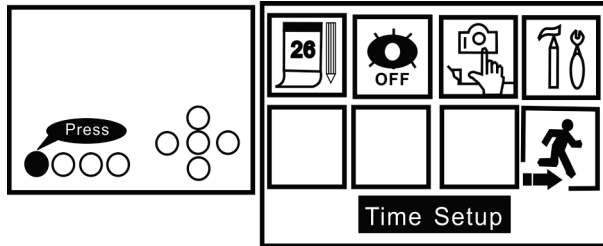


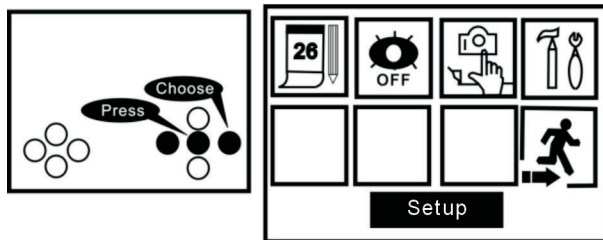
Photo setup status

NTSC/PAL Setup

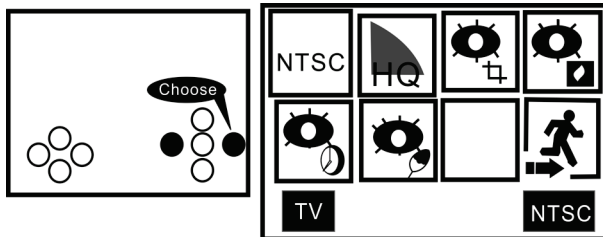
(1) Press MENU to enter system main menu.



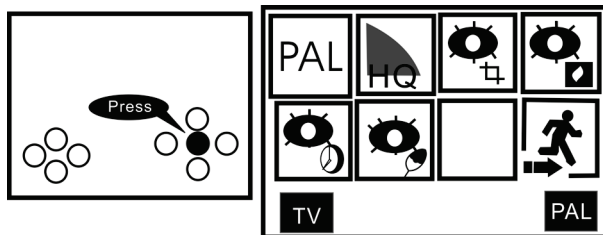
(2) Press LEFT/RIGHT to setup option, then press OK to confirm.



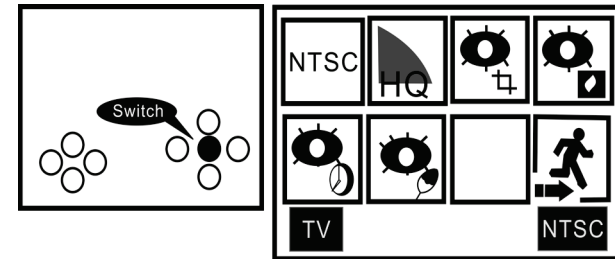
(3) Press LEFT/RIGHT to NTSC/PAL option, then press OK to confirm.



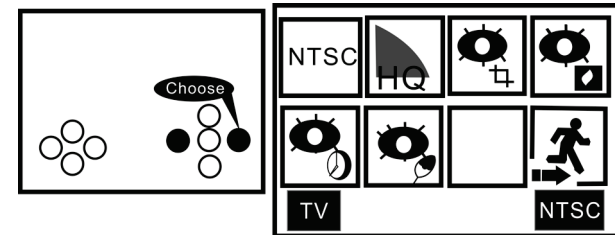
(4) Press OK to switch to PAL mode (default is NTSC mode).



(5) Press OK again to switch to NTSC mode.



(6) Press LEFT/RIGHT to Exit option then press OK to exit..



Exit Setup

Press MENU to exit directly.

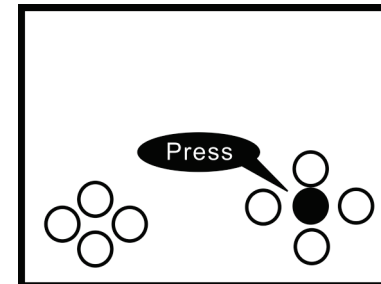
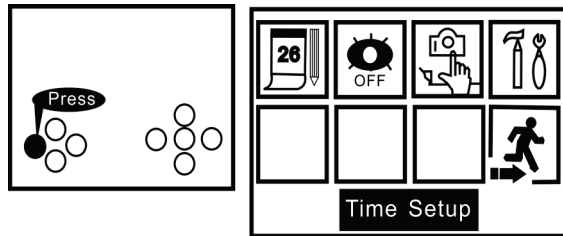
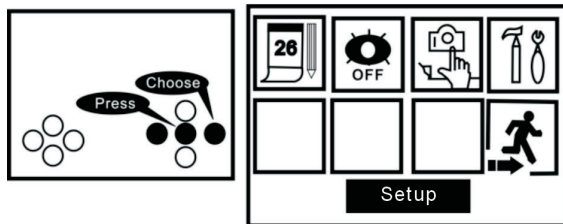


Image Quality Setup

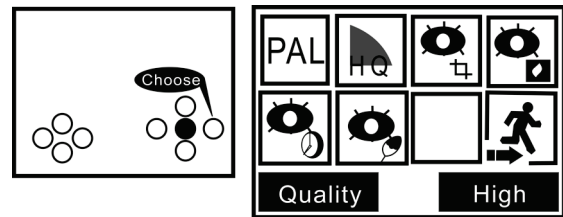
(1) Press MENU to enter system main menu.



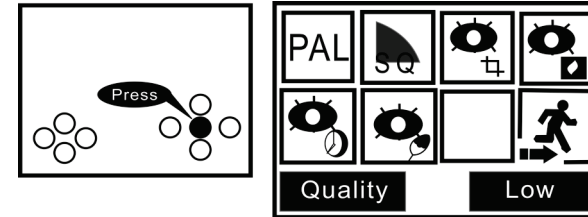
(2) Press LEFT/RIGHT to setup option and then press OK to confirm.



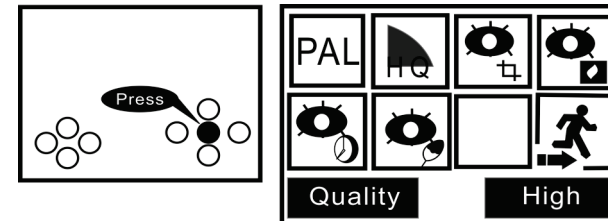
(3) Press LEFT/RIGHT to image quality setup option.



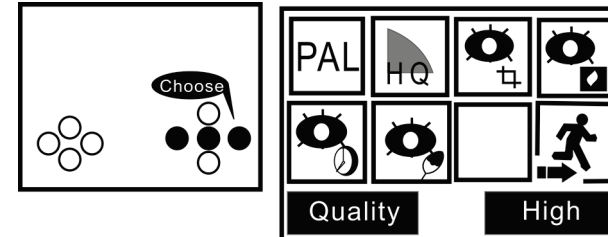
(4) Press OK to switch to Low image quality mode (default is High) .



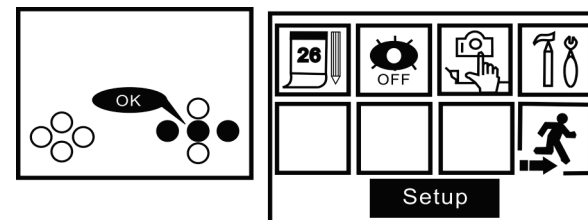
(5) Press OK again to switch to High image quality mode.



(6) Press LEFT/RIGHT to exit option

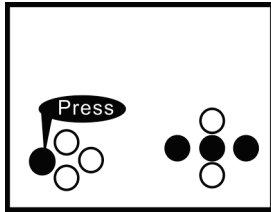


(7) Press OK to return to the setup.



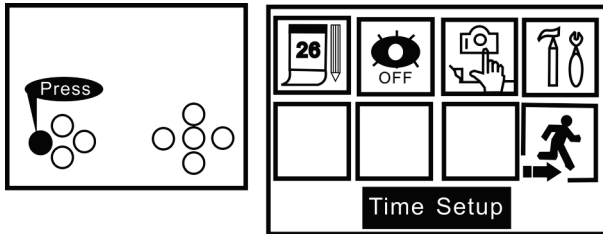
Exit Setup

Press MENU to exit directly.

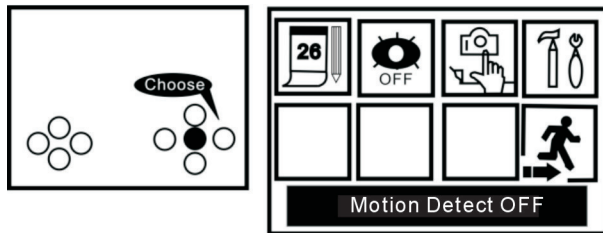


Motion Detection ON/OFF

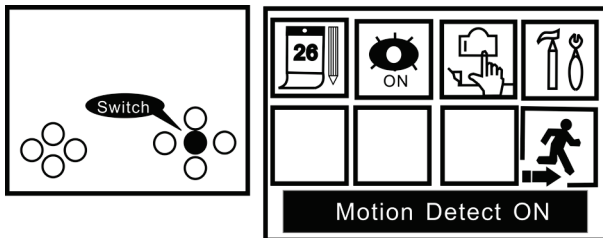
- (1) Press MENU to enter system main menu.



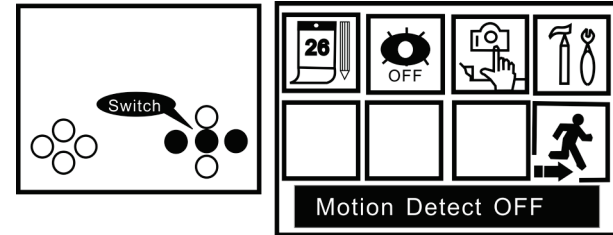
- (4) Press LEFT/RIGHT to motion detect on/off option.



- (3) Press OK to enter motion detect on status.

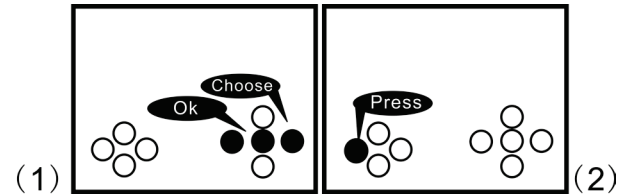


- (4) Press OK again to enter motion detect off status



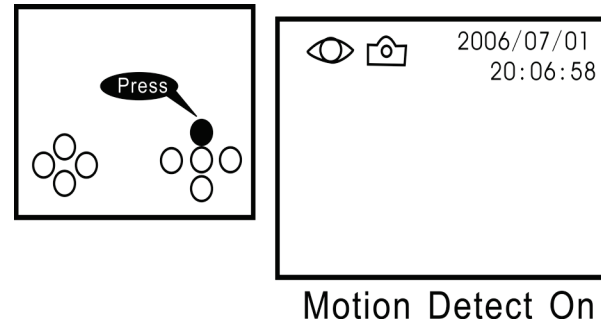
Exit Setup

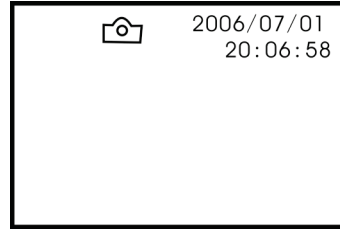
- (1) Press LEFT/RIGHT to exit option and then press OK.
- (2) Press MENU to exit directly.



Motion Detection Quick Setup

Press UP Key to directly switch the motion detect state.

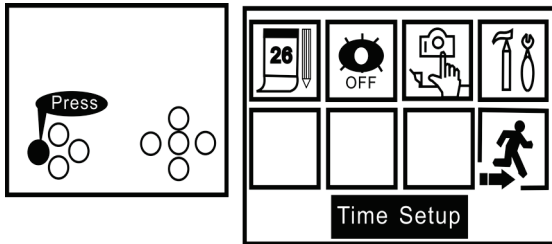




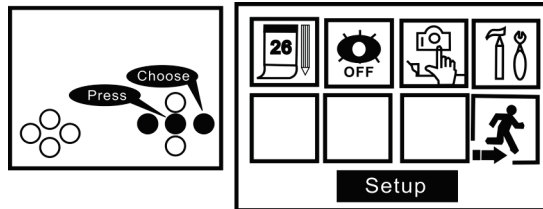
Motion Detect Off

Motion Detection Area

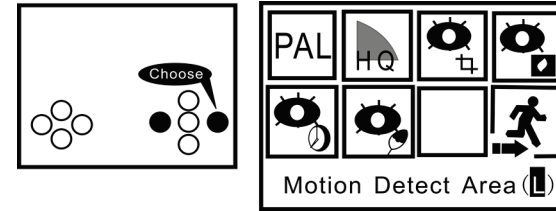
(1) Press MENU to enter system main menu.



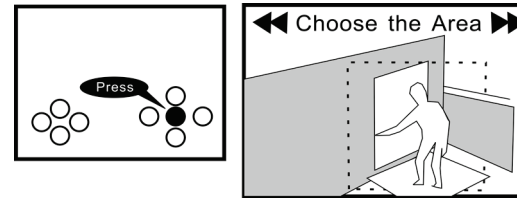
(2) Press LEFT/RIGHT to setup option, and then press OK to confirm.



(3) Press LEFT/RIGHT to motion detect area option.

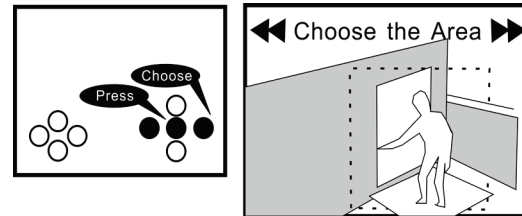


(4) Press OK to motion detect area setup.



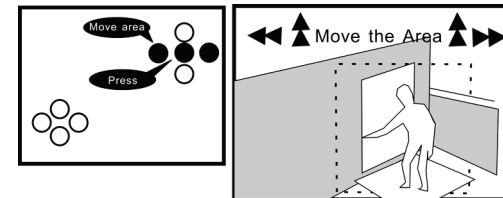
The dashed frame is the motion detect area.

(5) Press LEFT/RIGHT to choose detect area and then press OK.

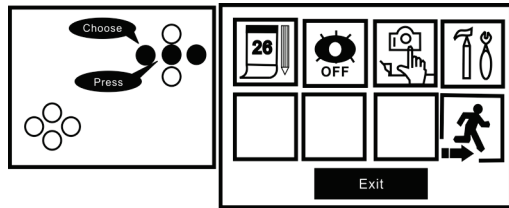


Detect area can be divided into L / M / S

(6) Press UP/DOWN/LEFT/RIGHT to move detect area and then press OK to exit motion detect area setup.

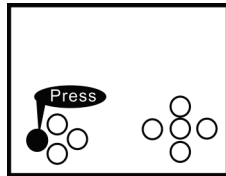


(7) Press LEFT/RIGHT to exit the option and then press OK to return to the setup.



Exit Setup

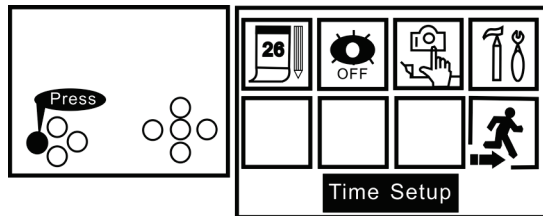
Press MENU to exit directly.



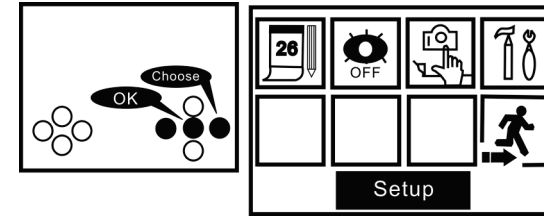
Motion Detection Count

Motion detection count means number of photos that you choose to take in one motion detection (you can choose 1, 3, or 5 pictures).

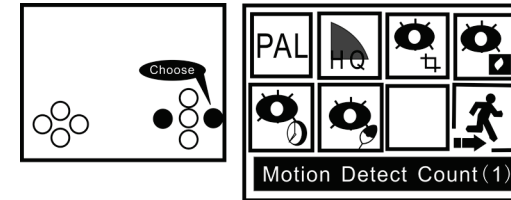
(1) Press MENU to enter system main menu.



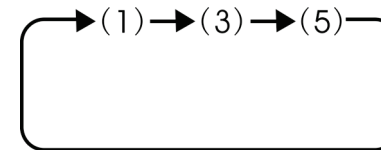
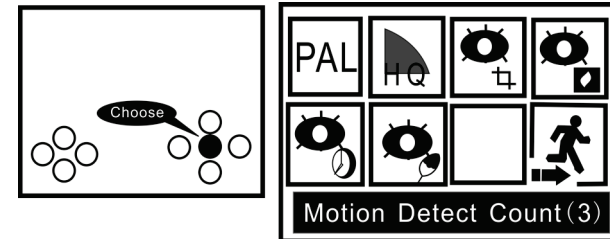
(2) Press LEFT/RIGHT to setup option, and then press OK to confirm.



(3) Press LEFT/RIGHT to motion detect count option, and at the bottom of the screen it shows the current count.

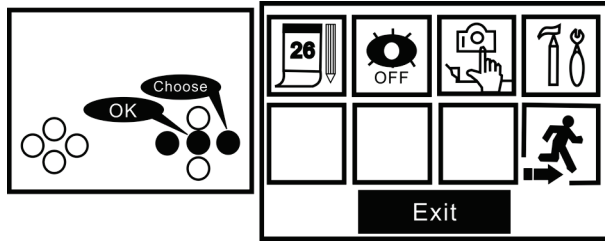


(4) Press OK to choose count number.



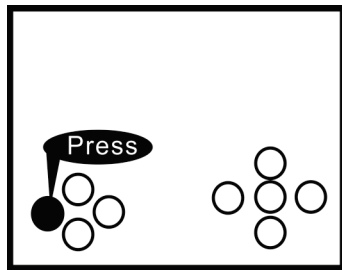
Can set 1/3/5 count

(5) Press LEFT/RIGHT to exit the option and then press OK to return to the setup menu.



Exit setup

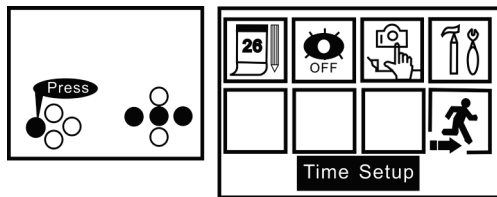
Press MENU to exit directly.



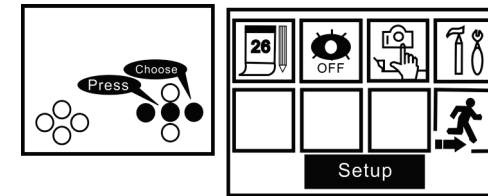
Motion Detection Interval

Motion detection interval means that you can set 1, 3, or 5 second intervals between two motion detection events.

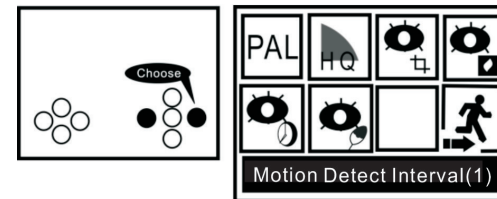
(1) Press MENU to enter system main menu.



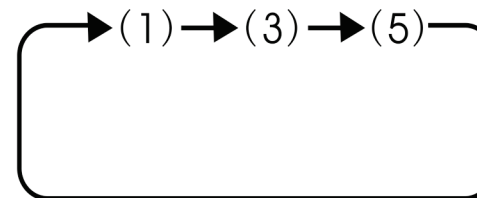
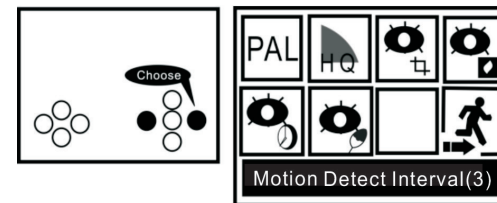
(2) Press LEFT/RIGHT to setup option, and then press OK to confirm.



(3) Press LEFT/RIGHT to motion detect interval setup option, and at the bottom of the screen shows the current interval

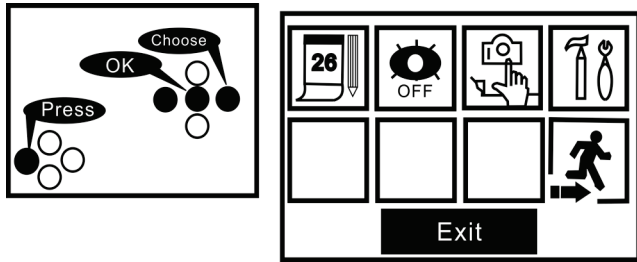


(4) Press OK to switch time.



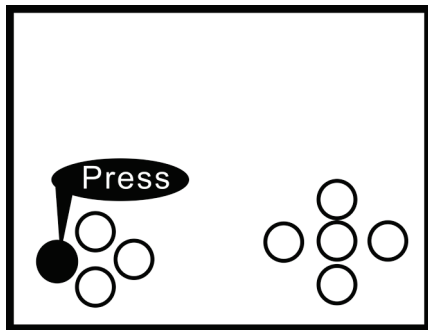
Can set 1/3/5 seconds time interval

(5) Press LEFT/RIGHT to exit the option, and then press OK to return to the setup.



Exit Setup

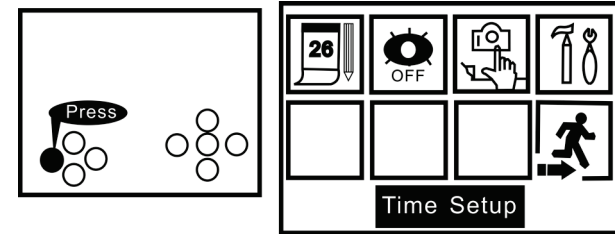
Press MENU to exit directly.



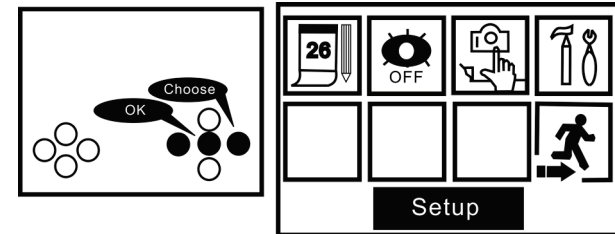
Motion Detection Sensitivity

The motion detection sensitivity range is 01-99. The lower the value, the lower the sensitivity is, the higher the value, the higher the sensitivity is.

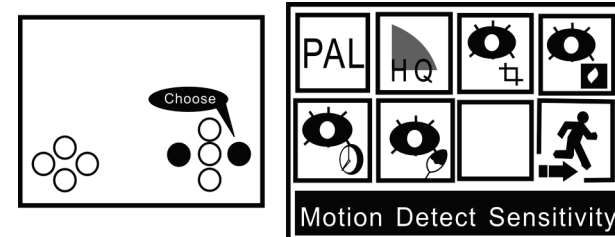
(1) Press MENU to enter system main menu.



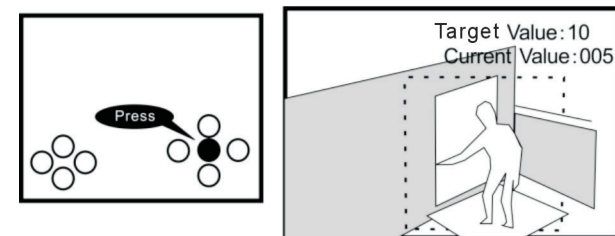
(2) Press LEFT/RIGHT to setup option and then press OK to confirm.



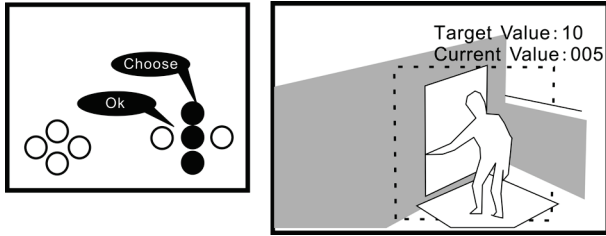
(3) Press LEFT/RIGHT to motion detect sensitivity option.



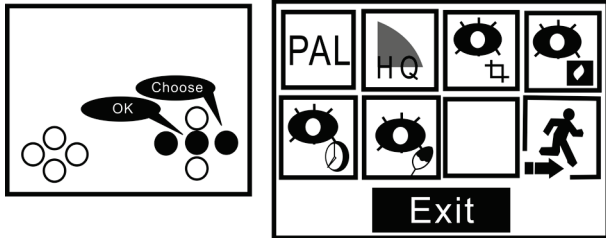
(4) Press OK to sensitivity setup interface and there are target value/current value on the screen.



(5) Press UP/DOWN to set sensitivity and then press OK to return to the setup

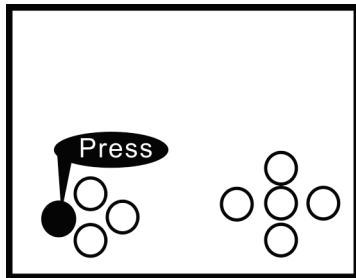


(6) Press LEFT/RIGHT to exit option and then press OK return to setup.

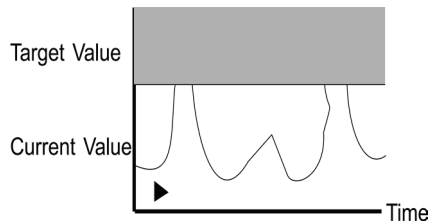


Exit Setup

Press MENU to exit directly.



For motion detection sensitivity refer to the following diagram. When it reaches the target value, the system would start to record automatically.



The Motion detect sensitivity value setting will be different in different situations, users can set the proper sensitivity value according to the spot simulation test.

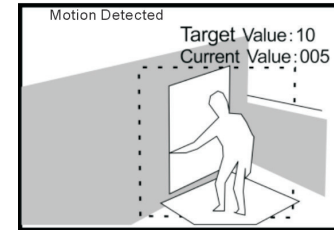
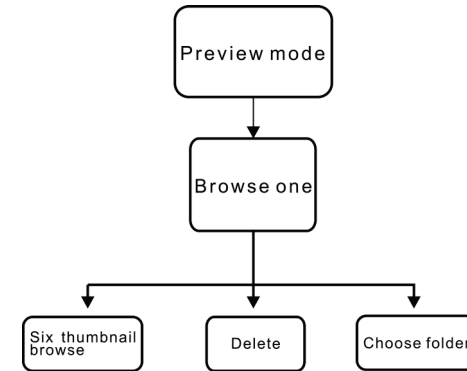
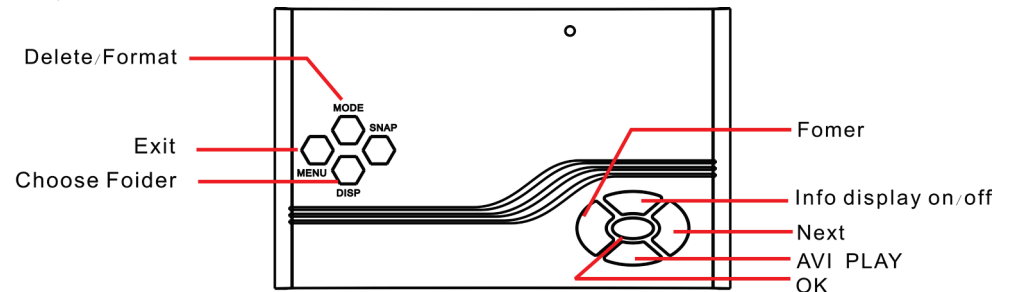


Image playback

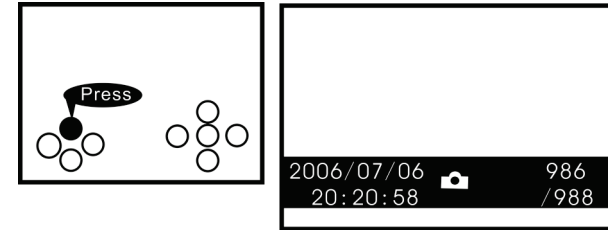
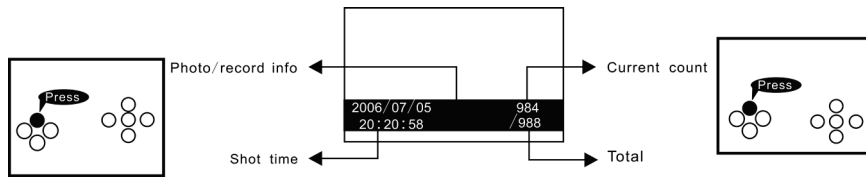
The photos can be browsed by one or six thumbnails, or by folder. They can be deleted manually and you can also delete all, or the SD card can be formatted.



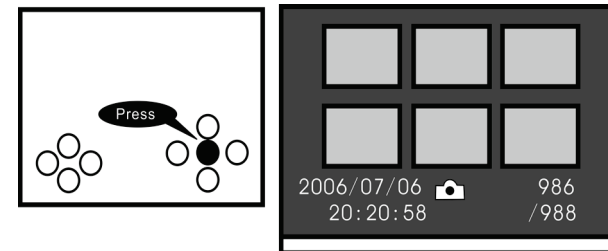
Playback Mode



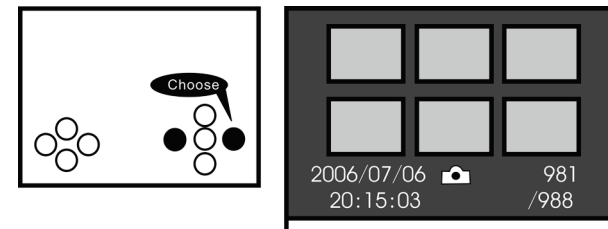
- (1) Press MODE to playback interface in preview mode and the current image information will be shown at the bottom of the screen.
- (2) Press MODE again to return to preview mode.



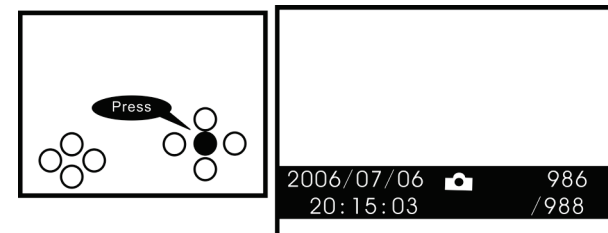
- (2) Press OK to go to six thumbnail browse.



- (3) Press LEFT/RIGHT to select the pictures which you want to see.



- (4) Press OK to see it in full screen.

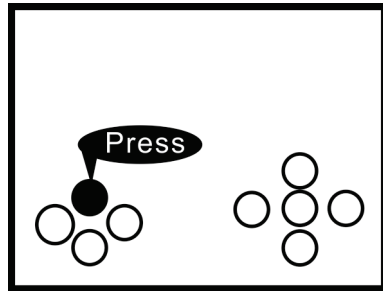


Browsing Pictures

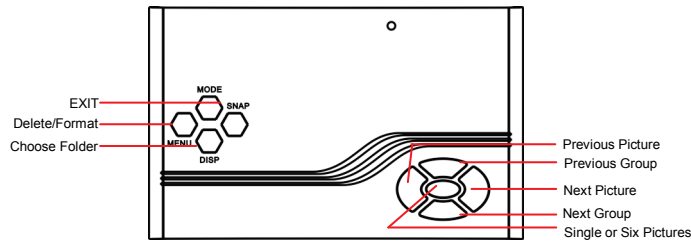
Browse Six Pictures

- (1) Press MODE to go to playback interface in preview mode.

(5) Press MODE to return to preview mode.

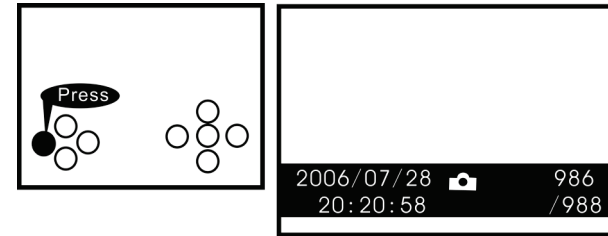


Using six thumbnail browse

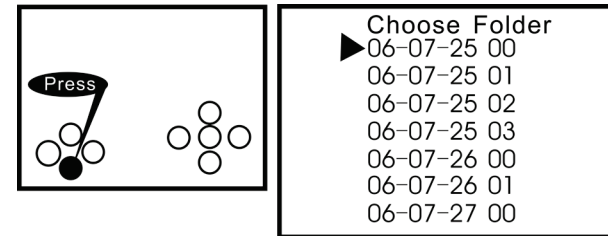


Choose Folder

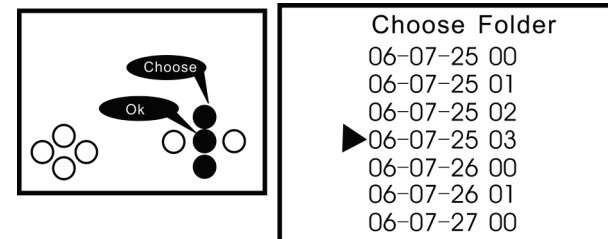
(1) Press MODE to go to playback interface in preview mode.



(2) Press DISP to choose folder.



(3) Press UP/DOWN to select the folder you want to see and then press OK to confirm.

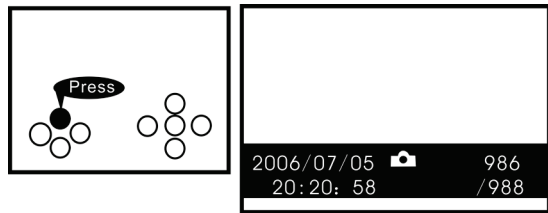


(4) The picture shows the first photo in current folder.

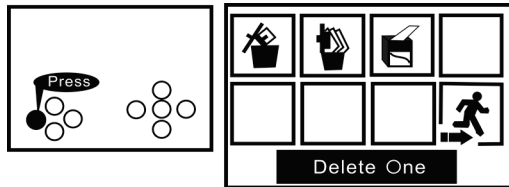


Deleting Images Delete One

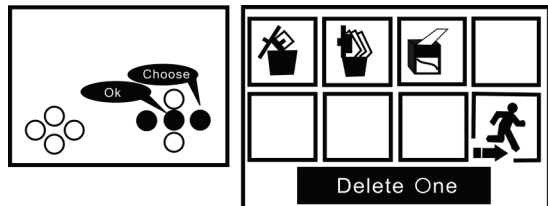
(1) Press MODE to go to playback interface in preview mode.



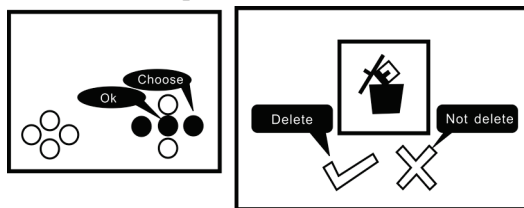
(2) Press MENU to go to delete menu.



(3) Press LEFT/RIGHT to select Delete One, and then press OK to confirm.

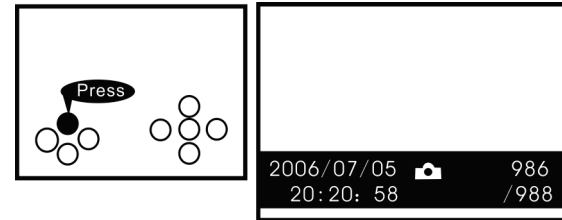


(4) Press LEFT/RIGHT to select DELETE or NOT DELETE option, and then press OK to confirm.

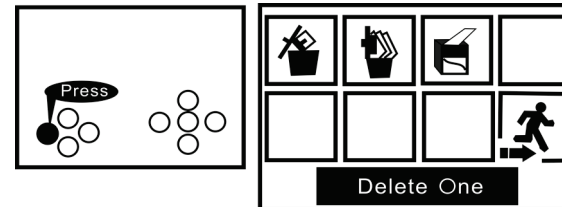


Delete All

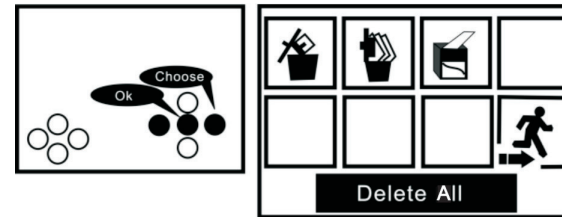
(1) Press MODE to go to playback interface in preview mode.



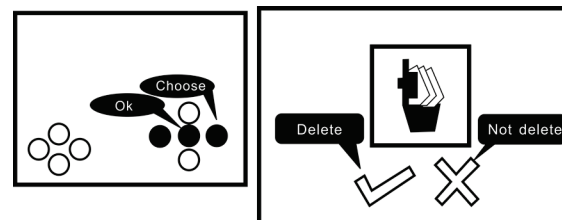
(2) Press MENU to delete menu.



(3) Press LEFT/RIGHT to select Delete All, and then press OK to confirm.

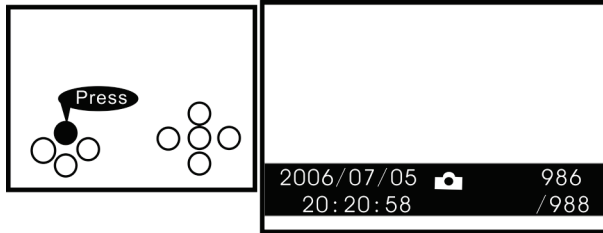


(4) Press LEFT/RIGHT to select DELETE or NOT DELETE option, and then press OK to confirm.

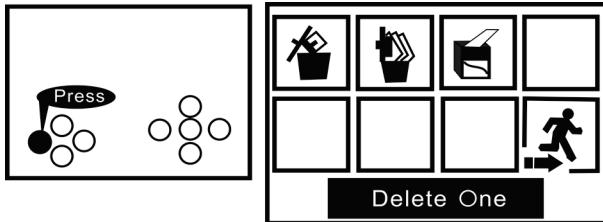


Format

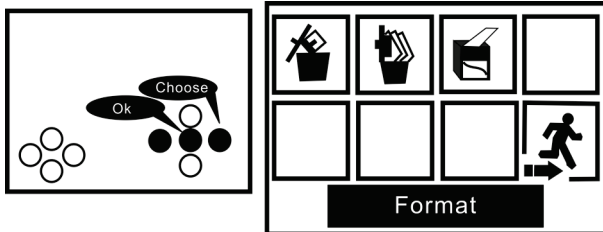
(1) Press MODE to go to playback interface in preview mode.



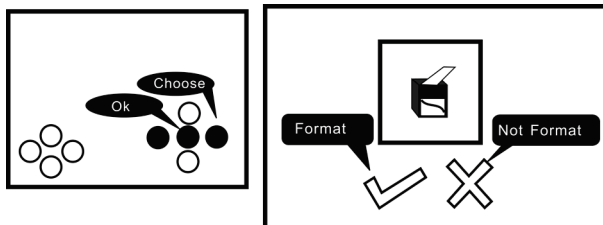
(2) Press MENU to go to delete menu.



(3) Press LEFT/RIGHT to Format and then press OK to confirm.



(4) Press LEFT/RIGHT to format or not format option, and then press OK to confirm.



Q-SEE Product Warranty

Thank you for choosing our products.

All of our products have a conditional free warranty repair service for hardware within 12 months starting from purchase date, and a free exchange service within one month (valid for manufacturing defects). Permanent upgrading service is provided for the software.

Liability Exclusions:

Any product malfunction, abnormalities in operation or damage caused by following reasons are not within the free service scope of our company. You would need to pay for repair in these cases.

- (1) Equipment damage caused by improper operation
- (2) Improper environment and conditions in/on which the equipment operates, e.g., improper power, environment temperature, humidity and lightning strike etc. that cause equipment damage.
- (3) Damage caused by acts of nature: earthquake and fire etc.
- (4) Equipment damage caused by the maintenance of personnel not authorized by our company.
- (5) Product sold over 12 months ago.

In order to provide various services to you, please complete registration procedure after you purchase the product. Cut off or copy User's Information Card and fax or mail it to us after the card is filled in. You can also register the product by going to the www.q-see.com website and clicking on the Registration link.

Customer Information Card

User's Name	Mr./Mrs.
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Company Name	
Postal Address	
Postal code	
Phone Number	
E-mail	
Model Number of Product	
Serial Number of Product	
Purchase Date	
Distributor	